

30-039-07496

4813

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NE Sec. 32 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #31

cps 123w

Elevation 6578' Completion Date 5/6/74 Total Depth 720' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If Casing is cemented, show amounts & types used N/A

If Cement or Bentonite Plugs have been placed, show depths & amounts used
N/A

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. 420', 575'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV
DIST. 3

Type & amount of coke breeze used: 12300 lbs.

Depths anodes placed: 660', 635', 620', 535', 525', 505', 497', 489', 480', 460'

Depths vent pipes placed: N/A

Vent pipe perforations: 350'

Remarks: gh #2

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

106660

Drilling Log (Attach Hereto). ☐

Completion Date 5-6-74

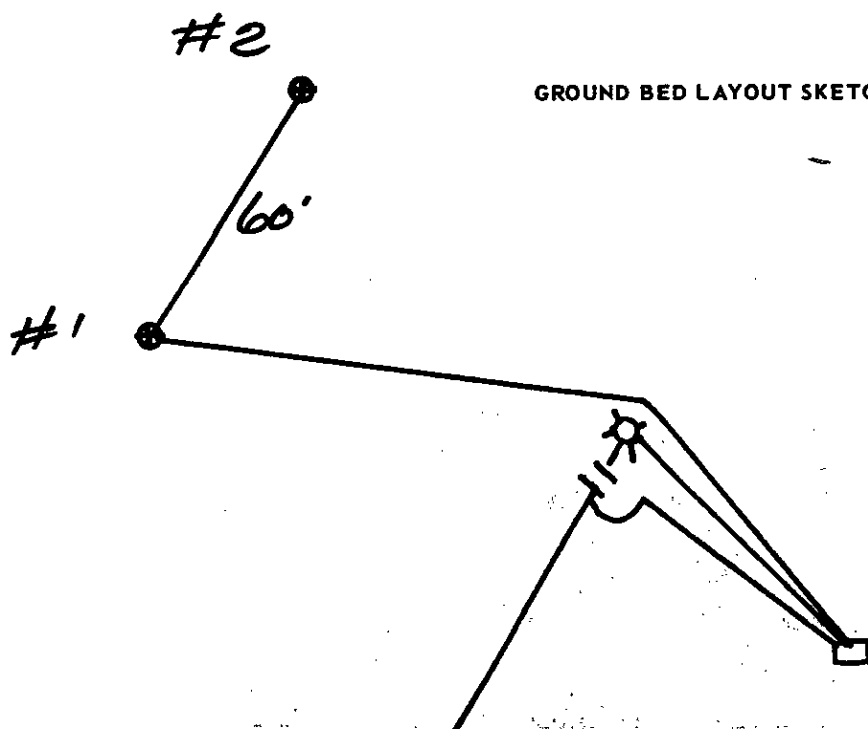
Well Name <u>S.J. 29-7 #31</u>		Location <u>NE 32-29-7</u>		CPS No. <u>123 W</u>	
Type & Size Bit Used <u>6 3/4</u>				Work Order No. <u>40066.19-50-20</u>	
Anode Hole Depth <u>720</u>	Total Drilling Rig Time		Total Lbs. Coke Used <u>12,300 Est.</u>	Lost Circulation Mat'l Used	
No. Sacks Mud Used					
Anode Depth	# 1 <u>660</u>	# 2 <u>635</u>	# 3 <u>620</u>	# 4 <u>535</u>	# 5 <u>525</u>
	# 6 <u>505</u>	# 7 <u>497</u>	# 8 <u>489</u>	# 9 <u>480</u>	# 10 <u>460</u>
Anode Output (Amps)	# 1 <u>2.2</u>	# 2 <u>1.4</u>	# 3 <u>2.2</u>	# 4 <u>2.2</u>	# 5 <u>2.4</u>
	# 6 <u>2.9</u>	# 7 <u>2.9</u>	# 8 <u>2.9</u>	# 9 <u>2.8</u>	# 10 <u>1.8</u>
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
	# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance	Volts <u>11.0</u>		Amps <u>7.0</u>	Ohms <u>1.57</u>	
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

Remarks: 5-3-74 Drilled to 600'. Driller said Damp at 420 Start inject
Not Enough - Drilled Deeper - 5-6-74 Logged to 677'
Water Standing at 575 - Vent Perforated 350'
Pumped Coke to above all anodes & above water to
low oil water - Top hood to surface

All Construction Completed

Paul E. Jones
(Signature)

GROUND BED LAYOUT SKETCH



3,409.00
1,387.50 EXTRA Depth
 4,796.50
26.00 Cable
 4,822.50
192.90 TAX
 \$ 5,015.40 TOTAL

STORM WATER WELL DRILLING INC.

**DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
WATER WELL DRILLING**

CONTRACTORS
14991 W. 44TH AVENUE
GOLDEN, COLORADO 80401
PHONE (303) 278-9505

GENERAL OFFICE
14991 W. 46TH AVENUE
BAILEY OFFICE
CALL 1-838-4821

Drill GD 154

Date 4-5-74

Owner C.P.S.

Location
City Farmington State N. Mex County _____

[illegible]

Total Hours _____

Equipment Down Time _____

Hours Drilling

Driller Ed Holland

Helper _____

Helper _____

C.P.S. Time _____

S.W.W.D.I. Time _____

Total Footage _____

Approval of
C.P.S. Engineer _____

$$5-3-74-123W-X=4.0$$

Driller Said Damp at 420
Start water injection
Drilled 600' Not Enough
Drilled Deeper -

5-6-73-

Water at 575
Vent Per-^{ft} 350'

MW		gals/mol
16	C ₁	6.4
30	C ₂	9.54
44	C ₃	10.42
58	C ₄	12.50
"	HC ₁	11.93
72	C ₅	13.85
"	HC ₂	13.71
86	C ₆	15.50
"	C ₇	15.57
100	C ₈	17.2
"	C ₉	17.46
114	C ₁₀	19.38
28	C ₁	9.64
42	C ₂	9.67

SW		gain/mol
44	CO ₂	8.34
54	H ₂ O	3.19
50	N ₂	4.16
2	H ₂	3.38

Depth	Log	Water	Rate
420			
30	4	4	
	6	6	
40	6	7	
	7	8	
50	8	8	
	8	9	
60	9	1.0	
	9	9	
70	8	8	
	8	8	
80	1.4	1.3	
	1.4	1.5	
90	1.3	1.3	
	.7	1.4	
500	9	1.2	
	8	1.0	
10	6	8	
	4	8	
20	6	9	
	6	1.2	
30	8	1.4	
	1.0	9	
40	6	7	
	5	6	
50	5	8	
	6	6	
60	5	9	
	4	6	
70	4	6	
	5	6	
80	6	6	
86 TD	6	6	
90	6	6	
	6	6	

Driller Said Damp at 420
 Start water injection
 Drilled 600' Not Enough
 Drilled Deeper—
 5-6-73—
 Water at 575
 Vent Perf. 350'

Log 5-6-73

Log	Water	Rate
1 660	1.2	1.4
2 635	1.0	1.2
3 620	1.4	1.4
4 535	1.3	1.2
5 525	1.0	1.2
6 505	1.2	1.3
7 497	1.3	1.2
8 489	1.3	1.2
9 480	1.3	1.5
10 460	1.0	1.0

11.01 7.04 = 1.57

$$11.0V \cdot 7.0A = 1.5T$$